

an asynchronous arbiter resident in each of the
resources for sending messages via the network and for
receiving messages via the network, each said arbiter
independently reviewing and processing the messages so that
the resources communicate directly with each other without
the need for a master controlling program and without the
need for other gateway for controlling and processing the
messages as the messages are transmitted between resources.

Substitute the following for Claim 15:

15. (once amended) An inter process peer to peer
messaging system for communicating between a plurality of
networked resources, some of which employ operating systems
which are incompatible with each other, said system
comprising:

an asynchronous arbiter message originator associated
with each of the resources for providing an arbiter message
to be sent to the other resources, the arbiter message
instructing one of the other resources to execute one or
more of the following: remote program execution, data
transport, message communication, status communication,
arbiter identification, data encryption, message encryption,
and relocation of computer resources;

a message arbiter receiver associated with each
resource for receiving the arbiter messages from the other
resources and for responding to the received arbiter message
by executing one or more of the following: retransmitting
the arbiter message to another one of the resources; and
deciphering, interpreting and executing the received arbiter
message wherein the arbiter message originator and the
arbiter message receiver do the actual communication between
their respective resources without the need for a master
controlling program and without the need for other gateway
for controlling and processing the messages as the messages
are transmitted between resources.

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Substitute the following for Claim 16:

16. (once amended) An inter process peer to peer
messaging process for communicating between a plurality of
networked resources, some of which employ operating systems
which are incompatible with each other, said process
5 comprising the steps of:

A4 transmitting an asynchronous arbiter message from one
resource to the other resources, the arbiter message
instructing one of the other resources to execute one or
more of the following: remote program execution, data
10 transport, message communication, status communication,
arbiter identification, data encryption and message
encryption and relocation of computer resources; and

15 receiving the arbiter messages from the other resources
and for responding to the received arbiter message by
executing one or more of the following: retransmitting the
asynchronous arbiter message to another one of the
resources; and interpreting and executing the received
20 arbiter message wherein the actual communication between
their respective resources is accomplished without the need
for a master controlling program and without the need for
other gateway for controlling and processing the messages as
the messages are transmitted between resources.